

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Page 1, lines 6 through 9, replace the existing paragraph with the following new paragraph:

--The present invention relates to a ~~seat~~ container for a motor controller of a heat-dissipating device, and in particular to a motor controller and a ~~seat~~ container for a DC brushless motor in a heat-dissipating device.--

Page 3, lines 3 through line 25, replace the existing five consecutive paragraphs with the following five new consecutive paragraphs:

-- The present invention provides a modified structure of a heat-dissipating device with a ~~seat~~ container to secure the motor controller thereof. The ~~seat~~ container is fixed on a ~~base chassis~~ of the heat-dissipating device and includes a slot to hold the motor controller.

The ~~seat~~ container of the present invention is a substantially square ~~seat~~ container. The slot is shaped according to the profile of the motor controller and formed in the central portion of the ~~seat~~ container. The ~~seat~~container has at least one hook to fix the ~~seat~~ container on the ~~base chassis~~ of the heat-dissipating device.

In a preferred embodiment, the ~~seat~~ container is formed by a plurality of positioning pillars. The positioning pillars have U-shaped cross sections respectively and are separated according to the profile of the motor controller.

The ~~seat~~ container is mounted on, adhered to, or integrally formed on the ~~base~~ chassis.

The present invention also provides a heat-dissipating device including a frame with a ~~base~~ chassis, a stator disposed on the ~~base~~ chassis and a rotor surrounding the stator coupling thereof. A ~~seat~~ container is fixed on the ~~base~~chassis and has a slot securing the motor controller to drive and control the heat-dissipating device.--

Page 4, lines 3 through 9, replace the existing paragraph with the following new paragraph:

--The present invention provides another heat-dissipating device including a frame with a ~~base~~ chassis, a stator disposed on the ~~base~~ chassis and a rotor surrounding the stator coupling thereof. A ~~seat~~container is fixed on the stator and has a slot securing the motor controller.--

Page 5, lines 4 through 12 replace the existing paragraph with the following new paragraph:

-- The present invention provides a modified structure of a heat-dissipating fan with a ~~seat~~ container for a motor controller thereof. The heat-dissipating fan has an integrated motor controller, such as an integrated circuit (IC) combining motor driving circuits and a Hall sensor to detect the phase change of magnetic poles and drive the motor thereof. The integrated motor controller can also control the motor according to the detected phase change through a pre-set control application.--

Page 5, line 13 through Page 6, line 29, replace the four consecutive paragraphs with the following four new consecutive paragraphs:

--Fig. 2 shows a mounting structure for the motor controller of a DC brushless motor in a first embodiment of the invention. In Fig. 2, the ~~seat~~ container 22 is substantially square with a slot 221 in the central portion thereof. The slot 221 can be shaped according to the profile and size of the motor controller 23 to contain the motor controller 23 therein. The ~~seat~~ container 22 has two hooks 222 on the either side of the bottom surface to engage holes 211 on the base chassis 21, so as to fix the ~~seat~~ container 22 thereon. Alternatively, the ~~seat~~ container 22 can also be adhered to the base chassis 21.

After the stator 24 is assembled on the sleeve 212 of the base chassis 21, the relative position of the stator 24 and the motor controller 23 contained in the ~~seat~~ container 22 can be determined. Thus, through such a mounting design, the relative position between the motor controller 22 23 and the stator 24 will not be shifted due to the collision from an external force.

Fig. 3 shows another mounting structure for the motor controller of a DC brushless motor according the present invention. In Fig. 3, the ~~seat~~ container 32 is formed by a pair of positioning pillars 321 respectively having U-shaped cross sections, separated according to the profile of the motor controller 33, allowing the motor controller 33 to be assembled therebetween. The positioning pillars 321 can be mounted on, adhered to, or integrally formed on the base chassis 31. Similar to the structure shown in Fig. 2, the relative positioning between the stator 34 and the motor controller 33 contained in the ~~seat~~ container 32 can be determined after the

stator 34 is telescoped to the sleeve 312 of the ~~base~~ chassis 31.

Another mounting structure for the motor controller is provided in Fig. 4. The stator 44 includes two cover portions 441 and a plurality of stator plates sandwiched therebetween. The ~~seat~~ container 42 for the motor controller 43 of the third embodiment can be disposed on a cover portion 441 of the stator 44. Furthermore, the ~~seat~~ container of this structure includes two positioning pillars 42 similar to those in Fig. 3, disposed on the lower cover portion 441 between two neighboring magnetic poles, allowing assembly of motor controller 43 therebetween. Finally, the rotor 45 and stator 44 are sequentially telescoped to the sleeve 412 of the ~~base~~ chassis 41. Thus, the motor controller 43 can detect phase change of the magnetic field and control the motor of the fan.--

Page 7, lines 8 through 13, replace the existing paragraph with the following new paragraph:

-- Compared to Hall sensors mounting on conventional PCBs, the positions of the motor controller secured in the ~~seat~~ container and the stator in the invention are precise, preventing additional bending steps, failures during the bending step and eliminating the position shifting between the magnetic poles and the Hall sensors.--